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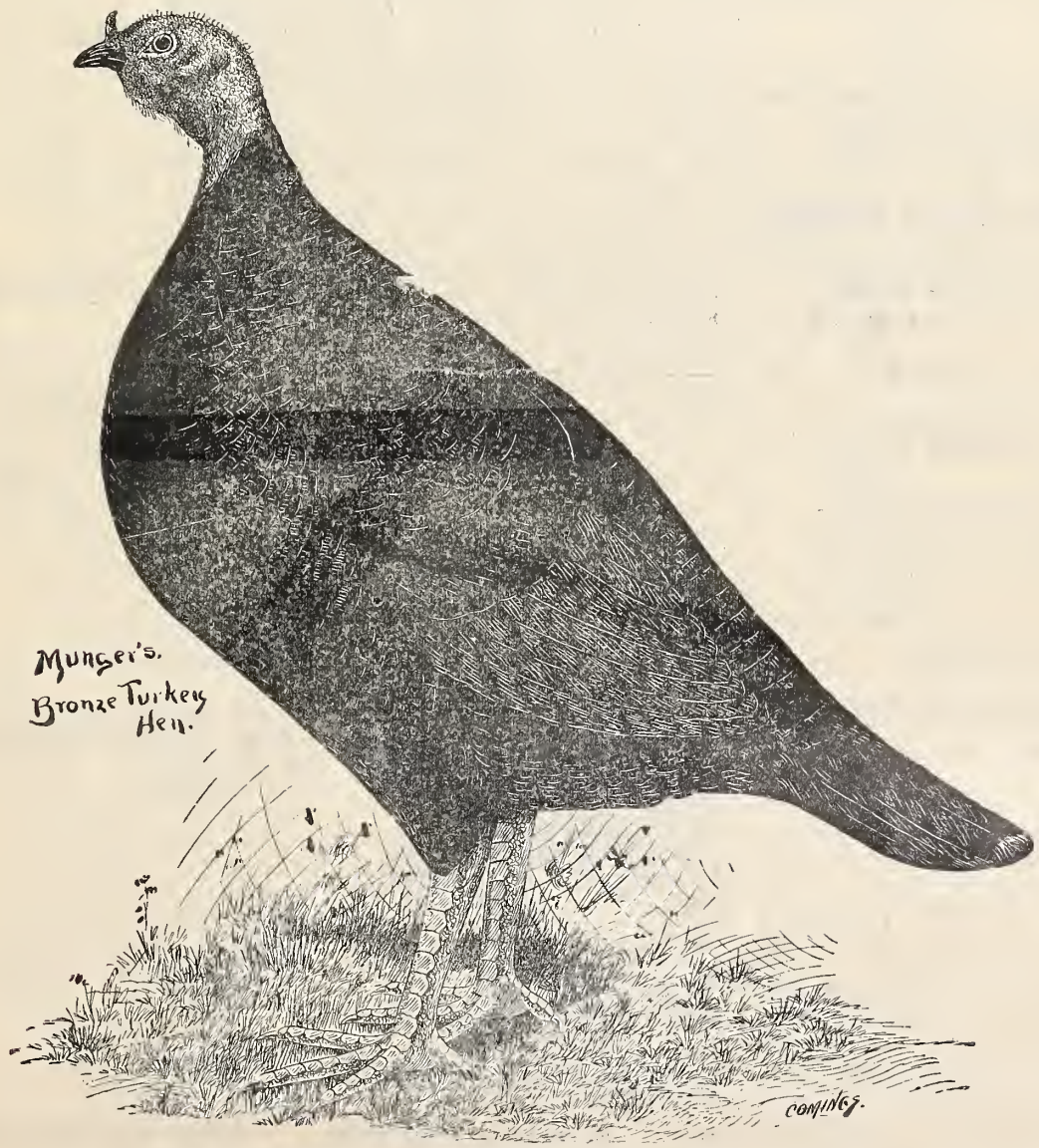
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The AMERICAN
FANCIER AND BREEDER

Vol. 20.

De Kalb, Illinois, October, 1903.

No. 10.



Munger's.
 Bronze Turkey
 Hen.

Bronze Turkey Hen

Bred and Owned by F. M. Munger and Sons, DeKalb, Ill.

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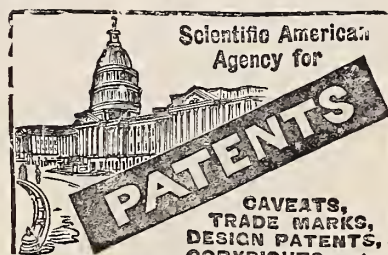
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EMPORIA, VA.

The American FANCIER and BREEDER.

A MONTHLY MAGAZINE DEVOTED TO POULTRY CULTURE.

Vol. 20.

DE KALB, ILLINOIS, OCTOBER, 1903.

No. 10.

MAGNITUDE OF WORLD'S FAIR PRIZES.

That the prizes offered in the live stock department of the Louisiana Purchase Exposition aggregate almost thirty per cent more than the total premiums of twelve leading State Fairs and the International and American Royal shows combined might reasonably be doubted by experts in such matters, but such is the case. The cash prizes in Chief Coburn's department of the World's Fair are \$55,300 greater than those offered by the fourteen largest live stock shows of the United States in 1902.

This interesting comparison was made at the recent meeting of the American Association of Live Stock Herd Book Secretaries in a paper on "Live Stock Exhibits at the World's Fair," read by Hon. Geo. W. Stubblefield. Mr. Stubblefield took for comparison the amounts of money offered in 1902 by the State Fairs of Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New York, Ohio, Texas and Wisconsin, and of the International Exposition at Chicago and the American Royal show at Kansas City. The total live stock offerings of these fourteen great shows, compared with those of the World's Fair at St. Louis, read as follows:

	State Fairs	World's Fair	Diff.
Horses	\$49,488	\$93,640	\$44,152
Cattle	84,623.50	64,030	20,593.50
Sheep	23,906.50	45,500	21,593.50
Swine	24,477.00	32,186	7,709.00
Poultry & Pigeons	13,329.85	15,770	2,440.15
Totals	\$195,824.85	251,126	55,301.15

These figures give at a glance a view of the magnitude of the World's Fair live stock prizes. The differences shown above are in favor of the World's Fair except for cattle, for which the aggregate of the fourteen shows is the larger. The sums allotted to the dog, cat and pet stock shows at the World's Fair are not included in the foregoing.

The special committee of representatives of the American Poultry Association appointed at the Indianapolis meeting to confer with Chief F. D. Coburn of the World's Fair Department of Live Stock met at St. Louis Fair. The committee was appointed to discuss a number of matters of special interest to poultry men in connection with the World's Fair poultry show, particularly the question of care of poultry to be exhibited. The members of the committee are Henry Steinmesch, St. Louis, chairman; Theo.

Hewes, Indianapolis; Frank B. White, Chicago; B. E. Johnson, Kirkwood, Mo.; W. C. Pierce, Indianapolis; J. C. Fishel and U. R. Fishel, Hope, Ind.; R. C. H. Hallock, St. Louis; R. E. Jones, Edinburg, Ind., and George Ewald, Cincinnati.

As the magnitude of the World's Fair and its universal character made necessary a general rule on the part of the management against undertaking the care of any exhibits by Exposition authorities the rules sent out by Chief Coburn in relation to the poultry show (and application to pigeons and pet stock as well) contained the following statements:

"Exhibitors or their agents will at all times give the necessary personal attention to the feed and care of the poultry they have on exhibition and on the close of awards in that Division remove their fowls from the Exposition grounds.

"Poultry unaccompanied by its exhibitor or his agent must be consigned to his personal representative or other responsible party who will give it proper care and exhibition, as the Exposition authorities will not receive, care for or assume any responsibility in connection therewith.

"All poultry must be exhibited in standard coops of uniform make. Arrangements will be made by the Exposition management for a supply of these to be obtainable at a reasonable cost on the Exposition grounds, and exhibitors will there procure them directly from the manager or dealer."

These regulations make some necessary arrangements by intending exhibitors of poultry, pigeons and pet stock somewhat different from those in effect at State Fairs or similar shows. The matter was taken up by the American Poultry Association with a view to shaping matters on a uniform system acceptable to the Exposition management and to intending exhibitors who will not be present to take personal care of their fowls.

The committee decided at its meeting in St. Louis that the best interests of all would be served by placing the reception, care, exhibition and return of fowls not accompanied by the owner in the hands of a responsible committee, representative of the American Poultry Association, to whom exhibitors might consign their fowls with the assurance that they would be properly looked after. A committee of three, consisting of Henry Steinmesch of St. Louis as chairman and two others to be named by Mr. Steinmesch, was decided upon and the co-

operation of Chief Coburn was asked in the plan recommended.

After considerable investigation agreement was reached that the fee for feeding and cooping be placed at a maximum of 50 cents for a single specimen and \$1 each for breeding pens. The committee recommended that the fee for coops be sent in with a coupon attached to the entry blank, the coupon to be addressed to the chairman of the committee.

Recommendation was also made to Chief Coburn that all varieties hereafter recognized by the American Poultry Association prior to the printing of the final prize-list be incorporated in the World's Fair classification. Recognition was asked for exhibits of dressed poultry and eggs, including market methods, and of a show of appliances relating to the poultry industry and papers and other literature. The recommendation was made that the displays of incubators and brooders be held in connection with the poultry show.

How and What to Feed.

For ten hens, one quart of grain is sufficient for a day's ration. Especially for the smaller breeds.

However, Bramas or Cochins, if they do not have access to green food, will require about one quart to five hens during the laying season.

All fowls relish a cooked breakfast or dinner, potatoes, turnips, carrots, cabbage or anything in the way of scraps from the table. Equal parts of corn and oats ground together, and middlings boiled or steamed, if served while warm, makes a good breakfast for laying hens. Another good food for the morning ration is corn chop, ten pounds; barley chop, ten pounds; middlings five pounds; and bran, five pounds. Mix all together, then scald with just enough boiling water to make a thick mash; add sufficient water and milk, so that it can be readily eaten by the fowls.

For an evening food we usually give whole grain, either wheat or oats. Corn is not good in summer, as it does not contain the required ingredients to produce an abundant supply of eggs, and is productive of too much heat. Never feed corn during the laying season, except that part contained in the soft mash, which is given to the fowls in the morning. Another important factor in egg production is green food. In order to have fowls do best, they must be supplied with yards large enough to furnish an abundant supply of grass.

TO ADVERTISE THE GREAT ST. LOUIS WORLD'S FAIR.
\$75,000.00 IN CASH PRIZES.

- FIRST PRIZE, \$25,000.00
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MISSOURI TRUST COMPANY,
 CAPITAL \$2,000,000. St. Louis, Mo., May 20, 1903.
 This certifies that The World's Fair Contest Company, incorporated, has this day deposited with this company \$75,000.00 in gold, for the payment of the awards in its contest on the total paid attendance at the Louisiana Purchase Exposition, 1904, and that said deposit is held in trust by this company to be paid by it to such successful contestants as the committee on awards may direct.

Jos. A. Stanley
 TREASURER
 Missouri Trust Co.
 of St. Louis.

AND \$30,000.00 IN 1,883 SMALLER PRIZES.

Can you estimate how many people will attend the St. Louis World's Fair? The 1,889 people whose estimates are the closest will receive \$75,000.00 in Gold. You have the same opportunity as any one else to win a fortune.

Every one has an opportunity to share in this great fortune to be paid to the successful contestants. This grand educational contest, undertaken in order to arouse interest in the greatest World's Fair the world has ever seen may bring you a fortune, and if you are careful in your estimates it is almost sure to bring you at least one of the prizes of \$50.00 or \$100.00, while you stand an equal opportunity to get the \$30,000.00. Hundreds of people will be made richer by competing in this great contest. Why not you? Every American should do all he can to help spread interest in the World's Fair, and when he can do this with profit to himself the reason for it is double. You cannot afford to overlook this grand opportunity to gain a fortune for yourself.

HERE ARE THE PRIZES.

To the nearest correct estimate.....	\$25,000.00
To the second nearest correct estimate.....	10,000.00
To the third nearest correct estimate.....	5,000.00
To the fourth nearest correct estimate.....	2,500.00
To the fifth nearest correct estimate.....	1,500.00
To the sixth nearest correct estimate.....	1,000.00
To the next 10 nearest correct estimates, \$300 each.....	2,000.00
To the next 20 nearest correct estimates, \$100 each.....	2,000.00
To the next 50 nearest correct estimates, \$50 each.....	2,500.00
To the next 100 nearest correct estimates, \$25 each.....	2,500.00
To the next 200 nearest correct estimates, \$10 each.....	2,000.00
To the next 500 nearest correct estimates, \$5 each.....	2,500.00
To the next 1,000 nearest correct estimates, \$1 each.....	1,000.00
Total.....	\$39,500.00

Supplementary Prizes for the Estimates sent in earliest..... \$15,500.00

\$15,500 IN EXTRA PRIZES WILL BE PAID TO THOSE WHO SEND IN THEIR ESTIMATES EARLIEST.
GRAND TOTAL OF CASH PRIZES.....\$75,000.00
INFORMATION THAT WILL HELP YOU ESTIMATE.

The total paid attendance at the Chicago World's Fair was.....	21,480,141
The total paid attendance at the Buffalo Pan-American Exposition was.....	5,306,859
The total paid attendance at the Omaha Exposition was.....	1,778,250

Without doubt the World's Fair at St. Louis will be the largest ever held in the world.

ESTIMATES 25 CENTS EACH. 5 FOR \$1.00.

CONDITIONS OF THE CONTEST—READ CAREFULLY.

Every one can enter and contest for these grand prizes. Write your estimates plainly on any kind of paper (ordinary letter paper is the best), using a separate line for each estimate. It is of the utmost importance that you write your estimates and name and address plainly.

For each estimate you send in accompanied by the correct amount of money, a separate engraved and coupon numbered Certificate, issued by The World's Fair Contest Co., St. Louis, Mo., will be sent you with your estimate shown thereon. These certificates to be retained by you until the close of contest. YOU HOLD YOUR OWN CERTIFICATES. Get in your estimates early, as \$15,500 extra is to be divided among the earliest estimates received.

HOW THE CONTEST WILL BE DECIDED.—The Official Record of the Secretary of the World's Fair showing the total paid attendances will determine who are entitled to the prizes, and the awards will be made by a committee of prominent Judges. Prizes will be paid in cash immediately after. If more than one estimate is correct, the prize will be equally divided.

In addition to the \$25,000.00 prize, there is \$15,500.00 EXTRA prize money for the earliest correct estimates, so that you may win \$30,500.00 on an investment of 25 cents if you send in your estimate at once. Don't lay this aside intending to send in your estimate to-morrow. You may forget and thereby lose an extra \$15,500.00. Do it now.

CERTIFICATES AND HOW TO GET THEM.—One certificate will be sent for 25 cents. Five certificates for \$1.00. You can estimate as often as you wish. Bear in mind—you must send the certificates and money for same before we can issue and send you certificates. We fill out the certificates inserting on a separate engraved, coupon numbered certificate, each estimate made by you. We then mail you the certificates. If you send One Dollar for five certificates, be sure and send five estimates.

A GOOD INVESTMENT—BETTER THAN STOCKS AND BONDS.—We are receiving from shrewd business men from the large trading centers, monthly orders for certificates, they claiming that the investment is safer and the possibility of large gain greater, than investment in bonds, life insurance or any of the speculative stocks offered on the Boards of Trade in the various Commercial Centers. Most of them purchase certificates systematically, that is, send in every month for from One to Five Dollars worth. Almost every one can economize a few cents a day and the funds thus saved, can be invested in certificates, and with a hundred or more certificates in your possession, you are likely to wake up some morning and find yourself the lucky possessor of an independent fortune. It hardly seems reasonable that with a hundred certificates one could miss ALL of the 1889 prizes. Address all communications to

American Fancier and Breeder Publishing Co., DeKalb, Ill.

The Faith of the Sitting Hen.

Perhaps in a way their is nothing more heroic than a female fowl trying to hatch something from nothing. The old gray goose will sit for months on a stone, after

being robbed of her eggs, vainly hoping to produce a bevy of goslings from the impassive material. And the hen is edually persistent and plucky. She will hover for weeks and weeks over a discarded knob,

looking gladly forward to the day she will bring forth therefrom a fluffy family. If men had the faith of an ordinary mongrel hen they could do miracle. No Christian martyr ever showed more persistence and blind faith than "Old Spec," when the fever of spring gets working in her blood, and the maternal instinct takes a firm hold of her entire being. Does any other creature exhibit such blind faith and trust and hope under discouraging circumstances? In ancient times mighty things were performed by and belief, but there is not in the whole world, ancient or modern, a more sublime example of this quality than that given by the sitting hen. The hired man—vicious and ugly after a night at dancing—may hurl her from the feed box of one of the horses; the boss may "damn the setting hens, anyway", but she will creep back after a little of blustering and jawing and shaking out her feathers settle down among the corn cobs, hoping, doubtless, thereby to hatch out a field of yellow dent. Gods of our fathers, if we had the divine faith of the brindle hen, we would go forth healing the sick and halt and giving the blind back their sight.—AMERICAN FARMER.

Fattening Growing Birds.

A matured animal or bird fattens more readily than one that is growing, because its requirements are fewer. It is sometimes very difficult to make a growing chick fat, as the food goes to form bone and muscle rather than fat, carbonaceous material serving to heat the body. Such chicks seem to grow rapidly, and really attain good weights in a short period, but they are not always fat. In order to fatten them properly, the work must be done quickly. They should be cooped up, and given plenty of corn-meal and ground grain moistened with milk with wheat ground corn at night. One week is long enough, as they will begin to lose flesh or become sick if kept confined too long for the growing chick can subsist but a short time on a carbonaceous diet. The necessity for nitrogen, due to the formation of feathers, as well as lack of the elements of bone, will cause chicks to droop. The chick may be made to gain one fourth their weight in ten days; that is, a two pound chick in ten days should weigh two and one half pounds. But in such cases the weight is not so desirable as the fat, as they will gain very rapidly if highly fed, even when running at large, though they do not fatten readily on account of all food going flesh bone. As soon as they mature they fatten very quickly, and with pullets the difficulty will then be to prevent them from becoming too fat.—F. F. & F.

If your chicks stand around and sleep in the sun, look out for lice. You may think there are no lice about, but if you will look on their heads and along their necks you will find a lot of big gray fellows who are sucking the life out of the chicks.

COLD OR ROUP.

During the fall months, when fowls are more or less exposed to the cold, and wet and windy weather, every breeder should visit his poultry house after dark, and with a lantern, look his birds over carefully, he can then easily detect the first symptoms of a cold, or the roup. The first bird found sneezing should be removed to a warm, dry place, when first discovered; it may appear trifling, the eyes and nostrils only a little watery, and an occasional sneeze, but if left to run for a few days, a clear case of roup will be developed, and perhaps, not only past cure, but your whole flock exposed. My past experience has convinced me that "pills" often fail to check or cure it. It is one of the greatest misfortunes that can befall a fancier, and anything that will check or cure it, is sure to be eagerly sought for.

For the benefit of those who have not already seen it in print, I will give a treatment which has been used very successfully and if properly administered, I believe will cure the roup in any but its very last stages. It is as follows: Saturated solution of chlorate potash, one ounce; carbolic acid, ten drops with a small glass medicine dropper, with a rubber bulb on end, inject the solution into each nostril, which will cleanse the head, nostrils and eyes. at the same time give internally, one teaspoonful of saturated solution of hyposulphite of soda. This can be done at night, and in severe cases should be repeated during the day.

It is a good plan, as a preventive, to use two or three times a week a little of the solution of hyposulphite of soda in the drinking water. Douglass mixture and lime water should also be used in drinking water, and although I do not advocate the free use of egg foods, etc., I find from experience, that in addition to using the above as a preventive, that the use of some kind of stimulant in the soft feed, for growing chicks, during the cold weather is advisable, and for that purpose I use a little "eggine" in the soft feed once or twice a week with good results.

WHY THE FAILURES.

Although we seldom read of failures there are failures in poultry business, as in all other occupations, and probably in about the same proportion

We don't read in the papers of the failures as of the successes. Nor do we want to read of the failures; it is of the successes that we must read to be successful ourselves. It is the experience of the successful market poulterer and the successful fancier that point out to us the road to our own success; not the experience of the man who has made a dismal failure. Not that the failures are valueless in the education of the poultry-inclined public, for one man's failure may pave the way to another's success. One may be able to see wherein the other is wrong and be able to profit by it. Every failure has its cause, and the cause is al-

ways traceable to some body's ignorance, or to somebody's neglect.

The cause of a large per cent of failures is the idea, especially prevalent among people who know nothing at all about poultry, that "anybody can take care of hens"; no matter whether a person can succeed in any other business or not, that person could "take care of hens". Why, there's nothing to be done but to put them in a house of some sort, feed them a little of most anything occasionally, clean out their quarters now and then, if it isn't too much work, and go every night and gather the eggs. Don't work much yourself, you know, but let the hens work.

People of this sort read or hear the profits realized by poultry men of experience, and and not doubting for a moment that they could do, at once, what it has taken these men years to learn how to do, put their dollars into a poultry ranch, stock it with hens of greater or less value, and expect to pile up money at the very start. For if the experienced man makes a thousand dollars a year with his four hundred hens, why would it not be easy to double the profit by doubling the number of hens? And why wouldn't it be possible by increasing the number kept to realize two or three independent fortunes every year? But after a few months they find that the poultry business is a "sham," the writers a "set of falsifiers" and the poultry press a "fraud of the first water."

Very few of these people will acknowledge they are in any way to blame for the failures, it is always the hens.

If these people would read the poultry papers, begin with few birds, increase their stock with their experience, they would succeed. The poultry business call for as much brain work as any other; and a great deal more than some.

It is the man who learns to breed his birds, whether for the market or for the fancy, scientifically; and who studies to find the combinations of foods which will produce the best results under the condition to which his birds may be subject, who is found in the front rank, not the unthinking, negligent poultryman.

The market poulterer studies to produce the bird which will command the highest price in the market and which can be grown at the least cost; the fancier to produce the bird which will win notoriety in the breeding pen or show room.

It is through the work of these men who study that the poultry business has been brought to its present standard. It is their experience, circulated by the poultry press, that educates the amateur and strengthens the professions.

Kill off Surplus Roosters

There are no more eggs needed for breeding the present year, nor will be until next spring. The greater portion of old cockerels and those of the present year's growth ought to be sent to the butcher. Those which are

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Poultry Pays Better

than anything else the farmer or fancier raises—if it is done right. Any old way will not do. The Reliable Poultry Journal is the source of more information on poultry than can be obtained elsewhere, and by studying it you can make your fowls pay a big profit. It tells how to get more eggs; how to prepare fowls for market, and all about poultry raising for exhibition. Fully illustrated. Send today for free sample copy RELIABLE POULTRY JOURNAL, BOX A-4, QUINCY, ILL.

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I have a few very choice breeders from finest stock to be had. Will sell cheap if taken now. Room is needed for winter. Send for circular, free. LMA. M. MUNGER, DeKalb, Ill.

\$10 Buys a 200 Egg Perfect Hatcher and Brooder. Test & Illustrated Cir. 2c. J. A. Chelton, Fairmount, Md.

reserved for breeding next year will do better, and it will be better for the hens if kept by themselves. Eggs at this season of the year are wanted for keeping qualities, not for hatching. Unfertilized eggs will keep better than those which have been fertilized. The hens also will lay more if them if they are kept by themselves.

The AMERICAN FANCIER and BREEDER

Published the 15th of each month.

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DE KALB, ILL., OCTOBER, 1903.

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4	6	5	5	5	5
5	5	4	4	4	4
6	4	3	3	3	3
7	3	2	2	2	2
8	2	1	1	1	1
9	1	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0

This notice marked denotes that your subscription has expired. Please renew your subscription for another year.

THE CHICAGO SHOW.

The eighth annual exhibit of Poultry, Pigeon, Cats, Dogs, and Pet stock, under the auspices of The National Fanciers' and Breeders' Association of Chicago, will be held Jan. 25th to 30th inclusive. A D., 1904. The officers of this association are: E. B. Eddy, President and director; E. J. W. Dietz, V. pres. and Director; Fred L. Kimmey, Secretary and Director; Geo. B. Bates Treas. and Director; Grant Curtis, J. Lewis Draper, W. C. Hill, Prof. E. L. C. Morse, M. Wagner, and Frank B. White, Directors; H. N. Norton, Superintendent of pigeons. The judges engaged now are:

John Glasgow, Mahwah, N. J.

Frank Heck, Chicago, Ill.

Chas. McClave, New London O.

L. S. Jansen, Milwaukee Wis.

James A. Tucker, Concod, Mich.

Dr. O. P. Bennetts, Mazon, Ill.

T. E. Orr, Beaver, Pa.

Sharp Butterfield, London, Ont.

C. E. Twombly, Boston, Mass.

T. McGrew, New York, N. Y.

Oscar Rehe, Chicago, Ill.

E. W. Rankin, St. Paul, Minn.

Thos. F. Rigg, Iowa Falls, Iowa.

Theo. Hewes, Indianapolis, Ind.

D. J. Lambert, Apponaug, R. I.

Geo. J. Burgott, Lawtore Station, N. Y.

Correspondence is now being had with

other well-known and leading Judges and there may be additions to this list.

Arrangements have been made with The Central Passenger Association for Railway Excursion Rates for this occasion.

Premium lists will be sent out Dec. 1st to 15th, 10,000 copies will be mailed. It is the intention to send to all interested persons. But if by mistake any should be missed, or if information of any kind is desired, apply in person or by mail to,

Fred L. Kimmey, Secretary,

1213 Manhattan Building,

315 Dearborn St.,

Chicago, Ill.

QUALITY FIRST AND THEN THE PRICE.

W. F. Chamberlain Esq.

Dear Sir:—I wish to say that I am just as well pleased with your Brooder as I am with the rest of the poultry supplies you make, and that is saying a great deal. I like to send my orders to a firm that tries to make their goods just as good as they can will sell nothing cheap. The old saying, that you cannot get something for nothing, is certainly true in the poultry supply line, and I find that nothing but the best will do for good results. Your Perfect Chick Feed, Hen Feed, Mash Egg Food, Evergreen Clover, and your Brooder certainly show that you have put your experience to good use, and that your experience will be a great help to others. Yours respectfully,

J. T. Thomas, Georgetown, Mo.

Adventures In Photography.

The readers of the big newspapers and magazines seldom give a thought to the manner in which are obtained the graphic illustrations that are now published almost as soon as an important event occurs, and surely never to the man who secures them, often taking his life in his hands simply that he may snap his camera upon some incident that will interest the readers of his particular publication. In the DELINEATOR for November J. C. Hemmet the well-known illustrative photographer, relates some of his adventures in search of photographic news. Mr. Hemmet disclaims in advance the possible charge of foolhardiness but some of his experiences scarcely bear but his assertion; certainly he exhibited a fine quality of courage in the performance of the duties assigned him. In his ardent desire to photograph everything that could be pictured he met with some very unpleasant experiences, such as a clubbing by the police, arrest and all manner of insults, but these incidents, as he relates them, are merely humorous. In a number of instances, however, his life was endangered, and then only his quick wits saved him. The illustrations are intimately connected with the text.

Watch the family cat: If the young chickens have a way of mysteriously disappearing, ten to one it's "the old family cat" that is responsible for it.

BREEDERS CARDS.

CARDS of 30 words or less, in card column, 1 insertion 50 cents. 3 insertions \$1.00, 6 insertions \$1.75, 12 insertions \$3.00.

Cards with small illustration, of 20 words or less at the above rates. Over this number of words in plain or illustrated cards, 2 cents for each extra word. All cards must be paid for in advance.

CHICKENS, Ducks, Geese, Turkeys, Guinea Pigs, Rats, Mice, Dogs, Cats, Ring Doves. Eggs for hatching. State wants. Wm. A. Bartlett, Box 34, Jacksonville, Ill.

Poultry Breeders send 50c for a 20-paged monthly devoted to poultry, etc. Sample 3 cents "Michigan Poultry Breeder," Battle Creek, Mich. Or send 55 cents and receive Michigan Poultry Breeder," and THE AMERICAN FANCIER & BREEDER both 1 year.

PIGEON Book, illustrating, describing all varieties, arranging loft, feeding, breeding, caring for, 5 cents. 1,000 Pigeons for sale, prices sent free. Wm. Bartlett & Co., Box 34, Jacksonville, Ill.

EXPRESS PREPAID. WHITE WYANDOTTE Specialist. Exclusive business, stock and eggs in Season. Entire satisfaction guaranteed or you money back. Circular free. Arthur F. Hartman, Box 163, Nappanee, Ind.

BUFF WYANDOTTES AND BUFF Leghorns. Eggs from first prize stock at Erie, Painsville and Warren at \$1.50 per 15. Geo. Sapper, 154 E. 21 St., Erie, Pa. R. 2.

Size in Bantams.

It was recently claimed in an article on bantams in the American Fancier that the little fellows can be too small as well as too large. This is just as "sure as shooting" and those who are breeding bantams or who expect to breed them should not forget it. In many cases a yard of bantams has been ruined because the breeder was determined that he would get them down in size no matter what other defects they might have. And some times judges have almost "gone it blind" in giving awards to diminutive specimens. We like bantams to be small of course, and we think the present standard weights are about right.

By the way, there seems to be a great boom on in bantams in the east where they have always been more popular than in the west. Canada and the east are ahead of us in number and quality of bantams, although some western breeders have them as good as can be found anywhere. Bantams are very far behind the larger varieties in importance and we shouldn't like to see them bred too extensively, but we should like to see more people take them up in the west. They have useful qualities and, rightly handled, they are proutable.

Gather the eggs at regular intervals.

Now is the time to gather up the leaves for the winter, and after the floors have been cleaned scatter them about for litter.

Show Dates, 1903-4.

This list of shows is, as far as we know, complete. If some are omitted we will be glad to have the secretaries inform us. All dates will be kept standing until the show occurs.

Nov. 9-14—Augusta, Ga. G. W. Killingworth, Sec. 802 Broad Street.

Nov. 11-13—Bristol, Conn. Judges, Felch Atherton, Pierce, Card. G. W. Hull, sec.

Nov. 23-28—Sheboygan, Wis. Judge, Hewes. A. H. McIntyre, sec.

Nov. 24-27—Lexington, N. C. Judges, Simmons, Harrel F. T. Grimes, sec.

Nov. 24-28—Erie, Pa. Judge, J. Y. Bickrell. A. E. Blethen, sec.

Nov. 24-26—Brockton, Mass. C. A. Brown, sec.

Nov. 24-28—Danbury, Conn. Judge, Dievenstedt. Chas. H. Brundage, sec.

Nov. 23-28—Richmond, Va. Judge, Brown Frank Jenkins, sec. 517 W. Broad Street.

Nov. 25-28—Saratoga, Pa. Judges, Staunton, Yelton, Brackett and Hoffman. S. J. Kurtz, sec.

Nov. 25-28—Prairie Depot, O. Judge, McClave. R. F. Bassey, sec.

Nov. 27-28—Blum, Tex. Oscar Pogue, sec.

Nov. 30-Dec. 5—St. Louis, Mo. Judges, Russel and Butterfield. Ross C. H. Hallock secretary.

Dec. 1-5—Oakland, Calif. J. C. Williams, secretary, Fruitville, Calif.

Dec. 1-2—Greenfield, Mass. E. M. Carey, secretary.

Dec. 1-5—Napoleon, O. Judges, McClave, Tucker, Carve. Horn. E. Judson Davis, secretary.

Dec. 1-5—Newark, N. J. Judges, Drenstedt, Delano, Binfoey, Stanton Huyler. R. J. Bailey, secretary, East Orange, N. J.

Dec. 1-4—Dallas, Texas. L. A. Wright, secretary.

Dec. 1-4—Rising Sun, O. Judge, Tucker. E. M. Yambert, secretary.

Dec. 1-5—Ottawa, Ill. Judge, Herbster and Moore. C. O. Diest secretary.

Dec. 1-4—South Farmingham, Mass. Judges, Fox, Lambert, Ballou, Smith, Bumford, Graves, Gorse, Ingram. F. W. Jennings, secretary.

Dec. 2-4—Taylerville, Ill. Judge, Rapp. Chas. L. Evans, sec. Palmer.

Dec. 2-5—Matteawan, N. Y. Judge, Rockenstyre. H. W. Millspaugh, secretary, Walden, N. Y.

Dec. 2-5—Providence, R. I. W. S. Brown, secretary, 6 Exchange Place.

Dec. 4-5—Elgin, Texas. E. G. Bryan, secretary.

Dec. 6-12—Lawrence, Mass. F. E. Higgins, sec. N. Andover Depot, Mass.

Dec. 7-10—Allegan, Mich. Judge, St. Clair. J. B. Buck, sec. South Nonterev, Mich.

Dec. 7-12—Big Rapids, Mich. Judge, Hewes. B. W. Fellows, secretary.

Dec. 7-12—Aberdeen, Miss. J. R. Young, secretary.

Dec. 7-11—Deathorn, Mich. Judge, Tucker. T. J. Owen secretary.

Dec. 7-17—Wilkesbarre, Pa. W. L. Higgs, secretary.

Dec. 8-12—Los Angeles, Calif. H. W. Kruckeberg, sec.

Dec. 8-11—Hartford, Conn. Judges, Mc. Grew, Stanton, Crangle, Bonfoey, Crowther Galyor. Chas. L. Balch, sec.

Dec. 8-10—Milford, Mass. Judges, Lambert, Atherton, Watson. W. H. Pyne, sec.

Dec. 8-10—Northampton, Mass. Judges, Crangle, Stevens. C. E. Hodgkins sec.

Dec. 8-11—Aurora, Ill. Judge, Rapp. J. F. Rolfe, sec.

Dec. 8-12—Yorkville Ill. Judge, Tucker A. S. Tarbox, sec.

Dec. 9-14—Hamilton, O. C. W. Larsh, sec.

Dec. 9-12—Shreveport, La. Louis Bruegerhoff, sec.

Dec. 10-12—Plymouth, Mass. Judges, Atherton, Smith. Ballou, E. R. Beaman, sec.

Dec. 10-12—Rutherford, N. J. Judges, Staunton and Yelton. H. Kretzler, sec.

Dec. 10-14—San Antonio, Texas. W. A. Springall, sec.

Dec. 10-13—Litchfield, Ill. W. S. Chamberlain, sec.

Dec. 14-18—McComb, Ill. Judge, McClave. F. L. Yetter, sec.

Dec. 14-19—Maquota, Ia. Judge, Warnock. F. T. Johnson, sec.

Dec. 14-19—Hoopeston, Ill. Judge, Taylor. E. Erickson, sec.

Dec. 14-18—Mason City, Ia. Judge, Shaner. S. V. Johns, sec.

Dec. 14-19—Detroit, Mich. Judges, Butterfield, Rigg. S. Z. Harroun, sec., 28 Sycamore street.

Dec. 14-19—Evansville, Ind. D. T. MacClement, sec., 1024 Powell avenue.

Dec. 14-19—Kankakee, Ill. Judge, Heimlich. E. P. Vining, sec Hospital, Ill.

Dec. 14-18—Ottawa Can. Judge, Butterfield. Geo. Fritz, sec.

Dec. 15-17—West Brookfield, Mass. Judge, Ballou. E. L. Richardson, sec.

Dec. 15-18—Niles, Ill. Judge, Herbster. F. Honold, sec.

Dec. 15-17—Bristol, Vt. G. S. Farr, sec.

Dec. 15-17—Falmouth, Mass. Judges Stevens and Fletcher. E. P. Davis, sec.

Dec. 15-18—Fitchburg, Mass. Judges, Hawkins, Ball. I. C. Greene, sec., Leominster, Mass.

Dec. 16-19—Rochester, Minn. Louis E. Nietz, secretary.

Dec. 15-19—Hazleton, Pa. Judges, Brown and Eckert. J. E. Anderson, secretary.

Dec. 15-18—Uricksville, O. Judges, Keller and Fell. R. K. Furbay, sec.

Dec. 16-18—Freeport Me. Judges, Hawkins and Shove. Geo. P. Coffin, sec.

Dec. 16-18—Newburyport, Mass. Judges, Flanders, Smith, Ball, Craft, Goodwin. H. M. Sands, sec. Amesbury Mass.

Dec. 16-18—West Haven Conn. Judges, Lambert and Atherton. E. J. Crawford, sec.

Dec. 16-18—Kingston, N. Y. F. E. Miller, sec. Rifton, N. Y.

Dec. 16-19—Fresno, Cal. G. R. Andrews, secretary.

Dec. 17-20—Earlham, Ia. Judge, Southard. W. H. Monroe, secretary.

Dec. 17-19—Hackensack. N. J. Geo. Mahe secretary.

Dec. 21-24—Aumeston, Ia. Judge, Russel George King, secretary.

Dec. 22-25—Redfield, Ia. Judge, Warnock L. J. Ober, secretary.

Dec. 27-31—Nortonville, Kas. Judge, Rhodes. C. D. Stillman, secretary.

Dec. 23-29—St. Joseph, Mo. Judge, Shell-

abarger. L. E. Altwein, secretary.

Dec. 23-25—North Abingdon, Mass. Jno F. Hollis, secretary.

Dec. 28-Jan. 1—Holland, Mich. Judge, Myers. L. S. Sprietma, secretary.

Dec. 28-Jan. 2—Lanark, Ill. Judge, Shell-aberger. E. S. Leland, secretary.

Dec. 29-30—Elsberry, Mo. Judge, Shaner. Otto R. Cannon, secretary.

Dec. 28-Jan. 2—Dayton, O. Judges, Keller, Lane, Dunn. J. C. Ely, secretary.

Dec. 29-Jan. 1—Meriden, Conn. J. P. Shute, secretary.

Dec. 29-Jan. 1—High Point, N. C. Judges Brown and Myers. J. L. Thompson, sec.

Dec. 29-Jan. 1—Wallingford, Conn. Judges, Drenstedt, Nichols, Lambert, Saylor, Crowther. H. H. Haywood, secretary.

Dec. 29 Jan. 2—Lititz, Pa. Judges, Bean and Femple. J. W. Bucknaat, secretary.

Dec. 30-Jan. 4—Fremont, Neb. Judge, Felch. W. H. Haven, secretary.

Dec. 30-Jan 1—Georgetown, O Judge, Tucker. G. C. Hall, sec

Dec. 22-26—Waterloo, Ind. J. E. Dilgard, secretary

Dec. 29-Jan 1 Fostoria, O Judge Green Chas. Mann, secretary

Dec. 20-Jan 1—Manchester, N H F H Balch secretary.

Jan 4-8—Olney, Ill Judge Heimlich E E Dalton, secretary

Jan 4-6—New York City Compldte corps of judges as usual H V Crawford, secretary. Montclair, N J

Jan 4-9—Wichita, Kas. Judge Felch H W Schoff, secretary

Jan 4-11—Milwaukee, Wis Judges, Bur-gott and Mortgaridge W A Hackbarth secretary, 166 Wyoming place

Jan 5-8—Lewiston Me Judges, Hawkins, Lambert, Atherton, Coffin A L Merrill, secretary, Auburn, Me.

Jan 5-9—Danville, Ill Frank B Smith, sec

Jan 5-8—Grand Rapids, Mich Judges, Tucker and Sites F A Votey, secretary

Jan 5-10—Kansas City, Mo C S Hunting, secretary, 3817 E 13th Street

Jan 5-9—St Albans, Vt Judges, Rapp and Northrop H M Barret, secretary

Jan 6-8—Adams, Mass Judge, Ballou A W Safford, secretary

Jan 6-9—Waxahachle, Tex C T Spaulding secretary

Jan 6-9—Tiffin, O Judge, Hewes V Crabtree, secretary

Jan 6-9—Austin, Minn Judge, Holden Frank Cronon, secretary

Jan 7-9—Clarksburg, W Va Judge, Ellisen H D Correll, sec, Morgantown, W Va

Jan 10-14—Topeka, Kas Judges, Rhodes, Russell, Savage J W F Hughes, secretary

Jan 11-16—Cedar Rapids, Ia Judges, McClave, Shanklin and Warnock A J Smith, secretary

Jan 11-16—Kenosha, Wis Judge, Ellison, J L Pofahl, secretary

Jan 11-15—Charleston, Ill Judge, Rapp C L Carney, secretary

Jan 11-17—Watertown, Wis H A Holdridge, secretary

Jan 12-14—Fort Worth, Tex J M Jones secretary

Jan 12-15—Charlotte, N C Judge, Marshall W B Alexander, secretary

Jan 12-15—Middletown, Conn Judges, Card, Nichols W J Kieft, secretary

OIL = SMELTER = MINES !**- WESTERN BRANCH -****DOUGLAS, LACEY & CO.,****BANKERS AND BROKERS,****Willard & Yates, Managers,**

Suite 518 New York Life Bldg.

171 La Salle St.

= CHICAGO =**DIVIDEND PAYING****✦ MINING, OIL AND SMELTER STOCKS. ✦**

We have demonstrated by our methods that an investment can be made in mining shares, just as safely as in any other line of business, and with far better returns. We are offering only the stocks of the various companies for which we act as Fiscal Agents.

Most of these stocks are now steady dividend payers, equalling from 9 to 15 per cent annual interest upon the investment payable quarterly. Many of them pay a much higher rate where the stocks were bought upon the first offering.

Our clientele is largely a conservative line of investors who have confidence in our indorsement and recommendation of any investment and conservative business methods. We have now nearly 10,000 regular customers throughout this country and the Dominion, and we have yet to know of a single one of them that is dissatisfied. Our plan is a perfect guarantee to an investor and our feature of combination places an investment, as we believe, beyond any possible chance of loss.

When we have placed with our customers the amount of treasury stock of any company necessary for its development, our labors and responsibilities have but just begun. We must stay with the property and our customers' financial interests therein; must see that it is intelligently, economically and honestly operated; and, having a conditional interest in the profits of the property, secondary to the interests of our customers, if we followed any other policy than that of keeping strict supervision of its management, even although it might take a much longer time than was anticipated to demonstrate the actual value of the property and place it upon an independent dividend-earning basis, we would most assuredly be negligent not only of our customers' interest, but of our own as well.

The following remark recently made regarding our firm by one of the well-known financiers of New York was both flattering and appreciated, for it expressed what we are striving for:

"DOUGLAS, LACEY & COMPANY HAVE SUCCEEDED BY THEIR BUSINESS-LIKE METHODS IN MAKING MINING INVESTMENTS RESPECTABLE AS THEY SHOULD BE"

Booklets giving our successful plan for realizing the large interest and profits of legitimate Mining, Oil and Smelter Investments, subscription blanks, full particulars, etc., sent free on application to all who mention this Journal.

Address all communications to

✦ WILLARD & YATES, ✦

171 La Salle Street.

CHICAGO, ILL.

Fall Work In The Poultry Yard.

A neighbor, whose experience in poultry raising gives weight to her advice, recently informed me that her war against parasites was pushed into the late, winter months. She says that if lice are vigorously fought at this time of the year, they may be entirely exterminated. Clean out the houses and yards, saving the manure for compost. Mix with about the same bulk of barnyard manure and wood ashes, and cover closely with hay or straw. Leave until spring and you will have a rich compost for strawberry or garden patch. There is usually a rush of young poultry to the markets in October and November. This does not necessarily imply that the prices are advanced or the demand better at this time of year, but rather that there is a general effort to dispose stock on hand before the coming of winter. Very often it is good policy to back shipping stock until the rush is over. Do not neglect to store the surplus vegetables for the hens: Green food a great egg producer. Do the poultry houses and fences need repairs? Fall is the best time to attend to these matters, since winter is likely to steal upon us almost before we are aware of the fact, and, if we wait until cold weather comes, the task of repairing is not an agreeable one.—Mrs. C. B. Barrett, in Epitomist.

Fattening Young Chicks.

It is difficult to fatten a young chick because the food goes to growth of body and warmth, rather than fat. Chicks cannot be forced before they are about eight weeks old. Experts who fatten them always select the healthy and vigorous ones. They are fed four times a day on the following mixture: Cornmeal, two pounds; sifted ground oats, two pounds; bran, one pound; middlings, one half pound linseed meal, four ounces; ground bone, four ounces, and common salt, one tablespoonful. Scald the mixture with boiling water and add one pound of crude tallow, stirring well, making the mixture stiff (not wet), and feed in clean troughs, giving as much as the chicks will eat, removing the portions left over.

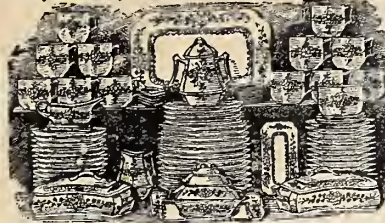
The best way to give milk to young chickens is to get it boiling hot, and then scald the ground food with it. Never give young ducks milk to drink. They will get it in their feathers, and then in their endeavor to get it out they will pull out the feathers.

Instead of having a large flock common hens get crosses or pure breeds. but it is not easily done then buy a couple of pure-cockerels. The change in the character of the offspring, uniformity of appearance, greater weight increased production of eggs will more than ten times over pay for the cockerels. It requires but one reason to obliterate the common stock by crossing with the pure-bred males,

If there are any extra roosters or old hens now is a good time to commence fattening them. Pen them up by themselves.

FREE FULL SIZE.

\$1,000 REWARD



They are handsomely decorated with blue, green and gold. Or we will allow you 50 per cent. commission for selling our assorted remedies. **COLONIAL MEDICINE COMPANY, No. 71 BROADWAY, DEPT. 157, NEW YORK.**

To anyone who will prove we do not do as we advertise. We want to have our marvellous household remedies used by every family in America, and we intend to give away at least 25,000 DINNER SETS in order to do this. Do you want one? Please note the only conditions: Send us your name and address and we will send you eight boxes of our remedies; sell each box at 25c., and return us ONLY \$1.00 of the \$2.00 received for the sale of our medicine. This \$1.00 is to show your good faith and that you really want the dishes. The second dollar you send us ONLY after you receive the dishes and have actually used them, and are entirely satisfied that they are equal to any \$10.00 set you can purchase in the country. We trust you with the dishes and also with \$1.00 received for our medicine. We do this because you may have been fooled by some fake concern; and we want you to thoroughly appreciate our honesty. The dinner set consists of 56 pieces, and is FULL size for family use; including soup plates, dinner, tea, and bread plates; cups and saucers, cover dishes, coffee pot, butter and milk pitcher.

ALVARADO IS NOT DEAD.

PEON CROESUS WHO HAS \$70,000,000 IN MEXICAN SILVER.

Chihuahua, Mex., Oct. 18.—(Special)—Private dispatches received here today from Parral, in this state, deny the report of the sudden death at that place of Pedro Alvarado, the multimillionaire mining man, who is well known throughout Mexico and the United States. He has a fortune in cash amounting to about \$70,000,000 according to reliable estimates.

The value of the Pamillo mine, which he owns and which he discovered a few years ago when he was a peon working in a mine at 30 cents per day, is not known, as Alvarado persistently refused to admit all mining experts to its workings. It is however, one of the richest mines in the world.

More than \$60,000,000 worth of silver bars are securely locked in a steel cage in his residence. This cage is constantly guarded day and night by a strong force of armed men.

The one time peon made all his money in a few years and his chief object has been to spend it. He proposed to pay the national debt of Mexico just to show that he could do it.

Alvarado palace, which has grown up as by magic at Parral, cost him \$500,000, and its maintenance with the army to guard it cost a large sum in addition.

Alvarado's income ranges along about \$200,000 a month, and he is eager to spend it as fast as he can.

Whenever he finds a former peon acquaintance in distress Alvarado gives him a pocketful of money and ruins him as a workman forever after.

A favorite luxury is building and endowing churches, and it is safe to say that there is not a church in the state that has not some valuable gift from the bluff old miner.

No one can make a success with any kind of poultry, if the house is not kept clean and in good condition.

Turn the edible scraps, vegetables and other odds and ends into eggs; but do not over-feed your fowls.

Eggs from hens that are allowed to pick up their own living from the fields and manure piles, are not as good as those from hens having a regular ration of sound and wholesome grain.

- Jan 12-14—Peterboro, N H Judges, Bal-lou, May W H Spaulding, secretary
- Jan 14-20—Lima, O T A Collins, sec
- Jan 13-17—Cincinnati, O Judges, Hewes, Orr, Shepard A E Brook, secretary
- Jan 13-19—Lockport, N Y Judge, Zimmer W G Walker, secretary
- Jan 13-15—Muskegan, Mich Judge, Tucker J A Babcock, secretary
- Jan 18-22—Auburn, N Y Judges, Quilhot, Shea, Crocker, Foxton Fred I Roe, sec
- Jan 18-22—Traverse City, Mich Judge, Lane J M Knight, secretary
- Jan 13-19—Minneapolis, Minn Judges, Butterfield, Lambert, Holden Geo A Loth, secretary, Box 28
- Jan 19-21—Salamanca, N Y Judge, Stillman J F Mable, secretary
- Jan 19-23—Boston, Mass Complete corps of judges as usual A R Sharp, sec, Taun-ton, Mass
- Jan 20-25—Painesville, O F G Johnson, secretary
- Jan 20-22—Nevada, Mo J R Buchanan, secretary
- Jan 20-23—Blackwell, Okla Geo M Cas-son, secretary
- Jan 21-25—East Palestine, O Judge, Lam-bert B S Gorby, secretary
- Jan 25-30—Chicago, Ill Complete corps of judges as usual F L Kimmey; secretary, 1213 Manhattan, Chicago
- Jan 26-29—Stamford, Conn W R Jessup, secretary
- Jan 27-30—Plymouth, Ind Judge, Carver Cary Cummings, secretary
- Jan 27-Feb 1—Clinton, Ia Judge, McClave W L McArthur, secretary
- Jan 25-30—Delavan, Wis Judges, Russel, Janson Seth W Gregory, secretary
- Jan 26-30—New Bedford, Mass Henry T Gridley, sec, North Dartmouth, Mass
- Jan 26-30—Harrisburg, Pa J B Gore, sec, Royalton, Pa
- Jan 29-Feb 4—Rochester, N Y E N Wal-bridge, secretary
- Feb 1-4—Kalamazoo, Mich Judge, Tuck-er J S Carr, secretary
- Feb 1-6—Canton, O Judge, Lambert C P Bruce, secretary
- Feb 2-6—Columbus, O W A Lott, secre-tary, Wooster, O
- Feb 8-12—Saginaw, Mich Judge, Tucker J H Ashton, secretary
- Feb 8-14—Indianapolis, Ind Judges, Hew-es, Pierce, Lane, Myers, Stoner, Jones C R Millhous, secretary, 2133 S Meridian street
- Feb 8-13—Syracuse, N Y D M Green, sec,
- Feb 11-13—Cambridge, O Judge, Orr Jas G Ford, secretary
- Feb 22-27—Pittsburg, Pa J C Moore, sec-retary, 1119 Penn Avenue.

Spanish Adventurers

in the days of Cortez risked their lives in the search for GOLD in OLD MEXICO, and the hardy Prospector today is suffering untold hardships, searching perhaps for years, for one of those rich bodies of ore which he knows are scattered all through the rugged portions of that romantic country. One day his pick turns up a lump of ore sparkling with gold. "Eureka! Success!" he cries—a

fortune at his feet!! BUT HE MUST SHARE IT WITH OTHERS—others who alert to grasp the opportunities of life—are to become shareholders in the Company which must be formed to provide the money and brains to develop the mine. Such a Company is the United States Smelting Company who own

MEXICO



THE GUADALUPE MINE Sited in Sonora, Mexico.

The prospecting has been done—assays have been made—mining experts and engineers of the highest standing have made their reports, and over 600 feet of work in shafts and cross-cuts have proven that they are into enormous body of rich ore, which begins at the grass roots and increases in richness as depth is attained.

THIS IS A MINE, NOT A PROSPECT.

The Guadalupe Mine immediately adjoins the great LOS COCHES MINE and is on the same vein. Mr. Chas. Schafer, Superintendent of the Guadalupe Mine, formerly with the MINAS PRIETAS (one of the richest mines in the world—has paid \$60,000,000 in dividends), says: "No. 1 shaft (Guadalupe) will beat the Minas Prietas because they have no chute of ore 500 feet on the ledge without a break, and I believe No. 1 has over 1,000 feet continuous."

The shares of the United States Smelting Co. are fully paid and non-assessable. All of the shares were put in the Treasury, and the Company offers a block of stock at the opening price of

FIVE CENTS PER SHARE,

for the purpose of securing funds with which to prosecute the work of development and install a Reduction Plant.

They own the property clear of incumbrance and are actively pushing the work with funds now in the Treasury.

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If those who have flocks that appear to take cold will consider the position of the roost they will conclude that it is the roost that renders the bird so liable to disease due to draughts of air. If the roost is high and close to the ceiling all the foul air will be up there, as it will be warmer and lighter

than the cold air. The fresh air is near the floor where the draughts come in. The use of staw on the floor, removing the roosts altogether, will avoid the air currents and as the same time the hens will be warm and comfortable. No place, on a cold winter's night, is as snug as the space under the platform over which the roost is placed and more hens

can find room in that manner than when on the roosts. We admit that the method is an innovation on old-time customs, but we have tried both straw and roosts in winter, and find fewer hens sick when straw is used. The straw should be dry and clean, however and not allowed to become filthy from droppings.

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A. N. HILLS.

UNIVERSITY PLACE, NEB., Feb. 17, 1901.

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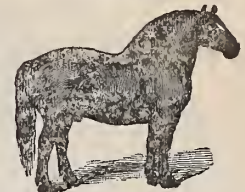
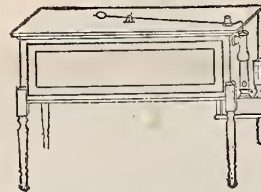
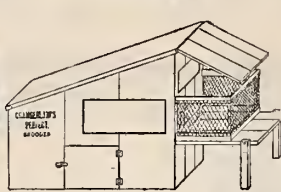
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